

Comparisons of Job Characteristics

Focus Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Associated Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Associated Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Production and Processing	6.0	13.1	11.0	<	Expanded education and/or training may be required
Mathematics	9.2	11.5	10.0	<	Expanded education and/or training may be required
Mechanical	6.8	9.5	11.3	>	Current knowledge level is likely sufficient
Design	5.2	7.7	11.1	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Associated Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation Monitoring	6.6	11.2	10.8	0	Current skill level may be sufficient
Operation and Control	5.4	9.7	9.5	0	Current skill level may be sufficient
Quality Control Analysis	5.9	9.1	10.3	>	Skill level is likely sufficient
Repairing	3.4	8.1	8.0	0	Current skill level may be sufficient
Troubleshooting	4.5	8.0	9.0	>	Skill level is likely sufficient
Equipment Maintenance	3.5	7.9	8.3	0	Current skill level may be sufficient
Equipment Selection	3.3	6.9	9.5	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 86			
Focus Occupation: Cabinetmakers and Bench Carpenters (51-7011)					
Associated Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reaction Time	4.8	13.3	12.6	0	Current ability level may be sufficient
Control Precision	6.6	11.5	12.5	0	Current ability level may be sufficient
Selective Attention	8.7	10.6	10.1	0	Current ability level may be sufficient
Auditory Attention	5.9	10.5	9.2	<	Some improvement in abilities may be required
Rate Control	3.8	9.7	9.7	0	Current ability level may be sufficient
Response Orientation	4.0	9.6	8.6	<	Some improvement in abilities may be required
Wrist-Finger Speed	3.2	7.1	7.6	0	Current ability level may be sufficient
Speed of Limb Movement	3.2	6.2	8.3	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 91
Focus Occupation: Cabinetmakers and Bench Carpenters (51-7011) Associated Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)		
Work Activities	Exclusivity of Activity	
Adjust production equipment/machinery setup	25	
Examine products or work to verify conformance to specifications	15	
Monitor production machinery/equipment operation to detect problems	27	
Move or fit heavy objects	8	
Operate woodworking equipment/machinery	77	
Perform safety inspections in manufacturing or industrial setting	33	
Read blueprints	10	
Read specifications	23	
Read technical drawings	7	
Set up computer numerical control machines	69	
Set up production equipment or machinery	51	
Understand technical operating, service or repair manuals	6	
Use hand or power tools	2	
Use hand or power woodworking tools	65	
Use precision measuring tools or equipment	17	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 94

Focus Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Associated Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Drafting supplies	9
Forming tools	2
Hearing protectors	12
Holding and clamping tools	3
Holding and positioning and guiding systems and devices	23
Industry specific software	1
Length and thickness and distance measuring instruments	2
Machine tools	7
Machinery for working wood and stone and ceramic and the like	12
Measuring and layout tools	3
Paint applicators and painting accessories	15
Pneumatic tools	8
Power tools	2
Rough and finishing tools	5
Vision protection and accessories	3
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.